

OFFICIAL PROCEEDINGS OF Air Pollution Control Commission OF THE CITY OF LANSING

Proceedings February 1, 1956

Lansing, Michigan,
February 1, 1956.

The meeting was called to order by the
Chairman, Commissioner Walters.

ROLL CALL

Present—Commissioners Andros, Crist,
Jones, McClure, Oeming, Rasmussen, Val-
entine, Walters—8.

Absent—None.

By Commissioner Oeming—

I move the Air Pollution Commission
recommend to the City Council that legal
proceedings be instituted to abate the air
pollution problem created by the manufac-
turing of powder fertilizer by the Davison
Chemical Company.

Adopted by the following vote:

Yeas—8; Nays—0.

By Commissioner Andros—

That Mr. Pesterfield be authorized to
recommend to the Stanley Clark Cleaners
the use of anthracite coal.

Carried.

REPORT OF OFFICERS

February 3, 1956.

Report to the Air Pollution Commission

City of Lansing

Mr. Roscoe Walters, Chairman

Gentlemen:

Since our last meeting we have had a
considerable amount of work. We have
had several complaints from the vicinity of
Stanley Clark Cleaners and the White
Laundry. It is your engineer's feeling that
the only solution to the problem is to
recommend that these establishments use
hard coal, which recommendation I will
give them with your consent.

Around December 10th we started re-
ceiving complaints regarding the effluent
from the fertilizer plant. By January 13th
these complaints had become so serious

that it was necessary for your engineer
and Commissioner McClure to bend every
effort to stop the complaints. The ferti-
lizer plant was dissipating a large quan-
tity of steam which was carrying with it
an excessive amount of fertilizer. Actually,
the amount go so acute that it was neces-
sary for automobiles making the turn at
the end of High Street to turn on their
lights, and in many instances residents
were required to have on their lights.
Finally contact was made between the duly
authorized authorities at the plant, at
which time the plant was closed down. An
agreement was made between the engineer,
the commissioner, and Mr. Manker and
Mr. Vasbinder, that we would give them
two weeks to make the necessary correc-
tions. Upon my return from the meeting
in Cincinnati, I called upon them again
and they had spent several days changing
over in an attempt to wash out any ferti-
lizer that was being passed along with
the steam. It seems that the most critical
complaints came during the time when they
were manufacturing powdered, semi-granu-
lated or granulated fertilizer. As best I
recall, we have received very few, if any,
complaints at the time they were pro-
ducing pellet-type fertilizer. With their
present manufacturing methods, we are
continually going to be confronted with
the nuisance problem of steam which is
produced in the drying operation in this
plant. Your engineer asked the company
to not produce any more fertilizer in which
carry-over with the steam would be exces-
sive unless the wind was in such a direc-
tion to carry it into the vacant space
northeast of the plant, and in event the
wind should change direction, the plant
must be closed down.

At the meeting in Cincinnati of the
American Society of Heating and Air-
Conditioning Engineers, your engineer had
charge of, and moderated, an air pollution
panel for the Society in which we had six
nationally known men to give papers on
the various aspects of air pollution.

Yours truly,

C. H. PESTERFIELD,
Air Pollution Engineer.
MILLIE M. BROWN,
City Clerk.

OFFICIAL PROCEEDINGS OF Air Pollution Control Commission OF THE CITY OF LANSING

Proceedings February 21, 1956

Lansing, Michigan,

February 22, 1956.

The regular meeting of the Air Pollution Control Commission met in the Mayor's Office and was called to order by the Chairman, Commissioner Walters.

ROLL CALL

Present—Commissioners Jones, McClure, Oeming, Rasmussen, Valentine, Walters—6.

Absent—Commissioners Andros, Crist—2.

The meeting was called, principally, for the discussion of presenting a budget to the Ways and Means Committee for fiscal year 1956-1957.

Mr. Pesterfield reported on the resolution referred to him by the City Council on February 6th relative to making a survey of the fly ash nuisance in the southwest section of the City. Atlas Drop Forge has very old equipment and the firm expects to replace the same in the near future. A communication will be sent to the City Council in reply to the resolution.

By Commissioner Rasmussen—

That a request of \$2,400 for the 1956-1957 budget be submitted to the Ways and Means Committee of the City Council.

Carried.

By Commissioner Jones—

That a request be made to the Council Committee on Ways and Means that funds of \$100 be allocated from the budget of the Air Control Commission for payment on expenses of Mr. Pesterfield to attend a meeting in New York City, March 21-22 and 23.

Carried.

A report was made regarding the nuisance being created by the Davidson Chemical Company by Mr. McClure and Mr. Pesterfield.

The meeting adjourned.

MILLIE M. BROWN,
Secretary.

OFFICIAL PROCEEDINGS OF Air Pollution Control Commission OF THE CITY OF LANSING

Proceedings, April 11, 1956

April 11, 1956.

The regular meeting of the Air Pollution Control Commission met in the Mayor's Office, was called to order by Commissioner Jones.

ROLL CALL

Present—Commissioners Andros, Crist, Jones, McClure, Oeming, Rasmussen, Valentine—7.

Absent—Commissioner Walters—1.

Minutes of the previous meeting were approved.

April 11, 1956.

Report to Air Pollution Commission

Lansing, Michigan

Mr. Roscoe Walters, Chairman

Gentlemen:

During the past month your engineer has had a number of calls regarding violations at the fertilizer plant. We have made every effort to handle these as diplomatically as possible, but until we have had a report from the City Council, it is rather difficult for your Commission to instigate any action.

We have also had several calls from the Christiancy School, which is adjacent to the John Bean Manufacturing Company. These calls have resulted from the fact that the oil companies have been delivering oil during the time that school was in session, and the fume would, if the wind was in the right direction, get into the school building through their ventilation system. John Bean has expressed desire to cooperate in any way we feel necessary, and have instructed the oil companies not to deliver oil until after four o'clock in the afternoon.

Your engineer attended a recent meeting

on March 24th in New York City, which was a meeting called by the administrative commission of the mayor's office, and entailed the securing of opinions from members of the American Society of Heating and Air-Conditioning Engineers, the Association of Oil Burner Contractors, the New York Petroleum Association, the Oil-Heat Institute of America, and a number of Air Pollution Engineers from cities other than New York, on the subjects of: (1) Calculating heating load for a building; (2) Formulae for determining boiler and furnace volume; (3) Formulae for determining the size and rate of firing of heavy oil burner; (4) Formulae for determining the chimney and breeching size.

Several calls from outside the city of Lansing have been made to your engineer, which have been referred to the Board of Supervisors.

Yours very truly,

C. H. PESTERFIELD,
Air Pollution Engineer.

Mr. Pesterfield and Mr. McClure discussed the Davidson Chemical Company and the continuance of calls they receive regarding it.

By Commissioner Oeming—

That the Chairman of the Commission and the Engineer draft a communication to the City Council calling their attention to the recommendation of February 6th pointing out the problem of the Air Pollution Commission relative to the Davidson Chemical Company. In view of the condition at this time of year and its further continuance the Commission has carried out its part as far as it can go without legal advice and action.

Carried.

The meeting adjourned.

THEO FULTON,
Acting Secretary.

OFFICIAL PROCEEDINGS OF Air Pollution Control Commission OF THE CITY OF LANSING

Proceedings, May 16, 1956

Lansing, Michigan,

May 16, 1956.

The regular meeting of the Air Pollution Control Commission met in the Mayor's Office and was called to order by Commissioner Walters.

ROLL CALL

Present—Commissioners Andros, Crist, Jones, Oeming, Rasmussen, Valentine, Walters—7.

Absent—Commissioner McClure.

Commissioner McClure was excused from the meeting.

The minutes of the previous meeting were approved.

REPORT OF SPECIAL COMMITTEE ON DAVISON CHEMICAL CO.

May 16, 1956.

Acting in accordance with the motion passed at the Commission meeting on April 11, 1956, the chairman requested a meeting with the Mayor. Commissioners Crist and Rasmussen, with Air Pollution Engineer Pesterfield, were invited to participate in the discussion. This group met on April 17th at which time the Commission Representatives reviewed the historical background of the air pollution problem as provoked by the operations of the Davison Chemical Company; the submitting of the problem to the City Council, and the Council in turn referring the matter to the former City Attorney.

The Mayor, on the basis of the report, called a meeting on April 24th. In attendance at the meeting were Commissioners Crist, Rasmussen and Walters; Air Pollution Engineer Pesterfield; Harry Hubbard, Attorney for Davison Chemical Com-

pany; three Management Representatives of Davison Chemical Company; George Sidwell, Attorney, representing the City; and Mayor Ralph Crego.

Mr. Pesterfield gave a detailed report enumerating complaints of air pollution from neighborhood residents; the engineers observations in confirmation of the complaints.

Mr. Manker of the Davison Chemical Company agreed that there were occasions when weather conditions were such as to make complaints justifiable.

Mr. Sidwell suggested that close cooperation with the weather bureau and adjustment of production schedules accordingly might alleviate the problem.

Mr. Hubbard and management representatives agreed to adopt such a policy, and pointed out the cost involved by failure to meet consumer demands; installation of pollution prevention equipment in the present plant; and the new plant being added.

Mr. Pesterfield has received no complaints since April 24th, and there is no record of complaints filed with the office of the City Clerk since that date. It is indicated that the cooperative efforts of management, to this date, have been measureably successful in the abatement of the nuisance.

ROSCOE A. WALTERS.

Mr. Pesterfield reported on the call from Dail Steel Products which was caused by mechanical trouble, repairs were made; also relative to the Sewage Disposal Plant, reported that the contract has been let for the correction and should be started in June. He also reported on the Davison Chemical Company.

The meeting adjourned.

THEO FULTON,
Acting Secretary.

OFFICIAL PROCEEDINGS OF Air Pollution Control Commission OF THE CITY OF LANSING

Proceedings Sept. 26, 1956

September 26, 1956

A regular meeting of the Air Pollution Control Commission was held in the Mayor's office.

ROLL CALL

Present—Commissioners Andros, Crist, McClure, Rasmussen, Valentine—5.

Absent—Commissioners Oeming, Walters—2.

The minutes of the previous session were approved as printed.

On August 6, 1956, in the Council Proceedings, under General Order, there appeared a bill being paid to Willard I. Bowerman for the sum of \$85 and was listed under Air Pollution. This was an error and should have been listed under "City Attorney."

The following report was filed by Mr. Pesterfield.

September 26, 1956

Mr. Roscoe A. Walters, Chairman

Lansing Air Pollution Commission

Lansing, Michigan

Dear Mr. Walters:

Since our last meeting, your engineer has had an unusual number of calls on incinerator difficulties. We appreciate very much the cooperation the fire marshal has given, in that all of these have been referred to his attention. There have also been a number of calls from the area near the school for the blind. It is only recently that your engineer has been informed of the proper authority to contact at this institution due to the illness and death of the previous superintendent. We are still get-

ting numerous calls from the Moores River Park area, which your engineer is attempting to evaluate and pacify based on previous commitments of the Board of Water and Light. The Garbage Disposal Plant has completed their installation and your engineer has made several trips into this area upon request of Mr. Wiley, on his own initiative, and upon request of citizens in the area of Comfort Street. A visual inspection indicates that the change has been very worthwhile, even though we have some complaints. I have asked the State Health Department to continue their investigations to determine the extent of solids in the present effluent. We are bending every effort to explain to the people in the area that the discharge from this plant is not nearly as great as it previously was.

The Davison Chemical Company has started their new operation after their expenditure of some \$505,000. A visual inspection indicates that the effluent is as bad, or worse, than it had previously been. However, we are informed that installing companies must have at least thirty days to correct the difficulties. It is our engineer's opinion that regardless what the installing companies do, we are still going to have a voluminous amount of steam coming from this plant, which according to their manufacturing process will also carry large quantities of solids.

Your engineer was approached by the U.S. Health Department to cooperate in setting up equipment for air pollution determination over a three or four-year period. This would require a location of sampling equipment in a representative average area, which the investigating engineer decided should be the central fire station. Your engineer referred it to the chairman of the Commission, who referred it to the Mayor, who referred it to the Council, and the Council referred it to the chief of the fire department for action. Your engineer attended the recent board meeting, at which time approval was given to install the equipment on the roof of the central fire station. The equipment will weigh approximately 10 lbs., including its enclosure. The U.S. Public Health Service will supply the filtering capsules and your engineer will cooperate in the schedule to

be established by the U.S. Health Service. This will require 24 hour tests twice each month, at which time the equipment will be started at a certain time during the day and will be cut off at the same time 24 hours later.

Your engineer was approached regarding cooperation during the National Fire Prevention Week for demonstrations to be given on the vacant lot of the Martin Block Company. This was taken up with Chairman Walters, and due to lack of time, Chairman Walters and your engineer gave consent. The demonstrations are to be publicly announced with public invitation for viewing, and will constitute the firing of a 12 ft. x 12 ft. one-story building every night during Fire Prevention Week. The basic principle behind this is to demonstrate to the general public that the prevention of fires starts at the initial planning of a building, with suitable demonstrations to illustrate this principal.

We have also had a number of complaints from Clark Cleaners and White Laundry on E. Michigan Avenue near Pennsylvania

Avenue. These will be taken care of by your engineer as soon as time permits.

Respectfully submitted,

C. H. PESTERFIELD,
Air Pollution Engineer.

By Com. Valentine (seconded by Com. Ras-
musson)—

That the members of the Air Pollution Control Commission arrange to visit the Garbage Disposal plant and the Davison Chemical Company on Tuesday, October 2, at 3:00 P.M. on a tour of inspection to observe the results of new installations.

Carried.

The meeting adjourned.

C. H. PESTERFIELD,
Secretary Pro-tem.

OFFICIAL PROCEEDINGS OF Air Pollution Control Commission OF THE CITY OF LANSING

Proceedings, Nov. 28, 1956

Lansing, Michigan,

November 28, 1956.

A regular meeting of the Air Pollution Control Commission was held in the Mayor's office.

Commissioner Walters, Chairman of the Commission, presided.

ROLL CALL

Present—Commissioners Andros, Crist, Rasmusson, Valentine, Walters—5.

Absent—Commissioners McClure, Oeming—2.

The minutes of the previous session were approved as printed.

The following report was filed by Mr. Pesterfield, Air Pollution Control Engineer.

November 28, 1956.

Report to the Air Pollution Commission
City of Lansing

Lansing, Michigan

Attention: Roscoe A. Walters, Chairman

Gentlemen:

Since your last meeting, your engineer has made a number of investigations involving the Industrial Laundry and the Simon Iron and Steel Corporation, a report of which you have received. He also made several investigations of local burning complaints, which were turned over to the city fire marshal.

On November 5 your engineer was called to the area surrounding the Davison Chemical plant. At this time it was very overcast, with the wind blowing in a north-westerly direction. A number of the Commission, Mr. Rasmusson, Mr. Oeming, Mr. Valentine, Mr. Crist, and Mr. McClure were contacted and advised of the conditions. All of the Commission responded either on the evening of the 5th or the morning of the 6th. The condition experienced was that of a heavy vapor laden with fertilizer, which was settling on cars and windows of homes. No contact has been made with the Fertilizer Company, because we felt that it was more proper that the Commission experience the difficulties in this area before any communication with the Davison Chemical Company.

After our visit to the Garbage Disposal Plant, your engineer made at least fifteen trips to Davison Chemical Company, and at all times, with the exception of two, he found the plant inoperative.

Yours very truly,

C. H. PESTERFIELD,
Air Pollution Engineer.

The Commission discussed at length the difficulties being experienced by those living in the vicinity of the Davison Chemical Company and are agreed that the conditions are no better now than before the installation of the new equipment and the Davison Company is still in violation of the Air Pollution Ordinance.

The meeting adjourned at 9:15 P.M.

MILLIE M. BROWN,
City Clerk.